

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A biodegradable wrap film, ~~which is a biodegradable wrap film~~ comprising, as a main component, a lactic acid resin composition comprising:

a poly(DL-lactic acid) in which the proportion of L-isomer and D-isomer is 88:12 to 85:15 or 12:88 to 15:85, and

a plasticizer, ~~the lactic acid resin composition~~, wherein ~~at~~ the value of the storage modulus at 40°C is in the range of 100 MPa to 3 GPa as measured at a frequency of 10 Hz and a distortion of 0.1% by the dynamic viscoelasticity testing method from Method A of JIS K-7198,


wherein ~~at~~ the value of the storage modulus at 100°C is in the range of 30 MPa to 500 MPa, and

wherein ~~at~~ the peak value of the loss tangent ($\tan \delta$) is in the range of 0.1 to 0.8.

Claim 2 (original): The biodegradable wrap film as recited in Claim 1, wherein the value of storage modulus at 20°C is in the range of 1 GPa to 4 GPa, as measured at a frequency of 10 Hz and a distortion of 0.1% by the dynamic viscoelasticity testing method from Method A of JIS K-7198, and the value of loss tangent ($\tan \delta$) at 20°C is 0.5 or less.

Claim 3 (currently amended): The biodegradable wrap film as recited in Claim 1 ~~or 2~~, wherein the value of storage modulus at 60°C is in the range of 100 MPa to 800 MPa as measured at a frequency of 10 Hz and a distortion of 0.1% by the dynamic viscoelasticity testing method from Method A of JIS K-7198.

Claim 4 (currently amended): The biodegradable wrap film as recited in ~~any of Claims 1 to 3~~ Claim 1, wherein the lactic acid resin composition comprises a lactic acid resin and a plasticizer in a proportion of 60:~~40~~ to 99:1 by mass.

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Claim 5 (currently amended): The biodegradable wrap film as recited in ~~any of Claims 1 to 4~~Claim 1, wherein the difference ($\Delta H_m - \Delta H_c$) is 10 J/g or more between ΔH_m , the heat of melting required to melt the crystals completely when heating the film according to JIS K-7121 at a heating rate of 10°C/minute using a differential scanning calorimeter, and ΔH_c , the heat of crystallization produced concomitantly with crystallization during the heating.

Claim 6 (currently amended): The biodegradable wrap film as recited in ~~any of Claims 1 to 5~~Claim 1, wherein the formed film is heated at a temperature between the glass transition temperature when heating according to JIS K-7121 at a heating rate of 10°C/minute using a differential scanning calorimeter, and the peak temperature of the heat of crystallization produced concomitantly with crystallization during the heating, and cured for 6 hours or longer.

Claim 7 (new): A biodegradable wrap film, comprising, as a main component, a lactic acid resin composition comprising:


a poly(DL-lactic acid) in which the proportion of L-isomer and D-isomer is 88:12 to 85:15 or 12:88 to 15:85, and

a plasticizer, wherein the lactic acid resin composition comprises a lactic acid resin and a plasticizer in a proportion of 60:40 to 99:1 by mass,

wherein the value of storage modulus at 20°C is in the range of 1 GPa to 4 GPa, as measured at a frequency of 10 Hz and a distortion of 0.1% by the dynamic viscoelasticity testing method from Method A of JIS K-7198, and the value of loss tangent ($\tan \delta$) at 20°C is 0.5 or less,

the value of storage modulus at 40°C is in the range of 100 MPa to 3 GPa, the value of storage modulus at 60°C is in the range of 100 MPa to 800 MPa, and the value of storage modulus at 100°C is in the range of 30 MPa to 500 MPa as measured at a frequency of 10 Hz and a distortion of 0.1% by the dynamic viscoelasticity testing method from Method A of JIS K-7198, and the peak value of loss tangent ($\tan \delta$) is in the range of 0.1 to 0.8.

Claim 8 (new): The biodegradable wrap film as recited in Claim 7, wherein the difference ($\Delta H_m - \Delta H_c$) is 10 J/g or more between ΔH_m , the heat of melting required to melt the crystals

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completely when heating the film according to JIS K-7121 at a heating rate of 10°C/minute using a differential scanning calorimeter, and ΔH_c , the heat of crystallization produced concomitantly with crystallization during the heating.

Claim 9 (new): The biodegradable wrap film as recited in Claim 7, wherein the formed film is heated at a temperature between the glass transition temperature when heating according to JIS K-7121 at a heating rate of 10°C/minute using a differential scanning calorimeter, and the peak temperature of the heat of crystallization produced concomitantly with crystallization during the heating, and cured for 6 hours or longer.